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CDM NEWSLETTER

MARCH 2012

CDM General Meeting

The next CDM General Meeting will be held in Orlando, FL on May 8-10, 2012 and will be located at JetBlue Orlando Support Center. The JetBlue address is 8265 Hangar Blvd, Orlando, FL 32827. If you plan on attending the meeting, please complete the registration form located at [2012 CDM Registration](#)

May 8 will consist of: Traffic Management Officer (TMO) training and CDM Sub-team meetings until noon, and Welcoming comments with General Meeting kickoff at 1:00 pm. May 9 will consist of: Ideas Fair and CDM Sub-team Break-out sessions. May 10 will consist of: CDM Break-out sessions and a Plenary Session. An agenda will be distributed in late April.

CDM Update

Korean Air visited the Air Traffic Control System Command Center (ATCSCC) on March 20 as follow-up to their signing of the CDM Memorandum



Korean Air with the FAA at the ATCSCC

of Agreement (MOA). Korean Air is the first Asian Pacific airline to officially engage in collaborations with the FAA ATCSCC. Korean Airlines identified that 2010 collaboration with the ATCSCC had lead to optimized flight operational decision making pertaining to delays and diver-

sion alternatives which amounting to savings for the airline of just under \$1,000,000. The FAA welcomes Korean Air to our CDM family and looks forward to a long and prosperous partnership.

CDM Sub-team Updates

Traffic Flow Management System (TFMS) Auxiliary Platform System (TAPS)

TAPS is the newest CDM Sub-team established to develop TAP test scenarios for Ground Delay Programs (GDP) and Airspace Flow Programs (AFP). TAPS members will select parameters and scope for select delay program scenarios that accurately reflect current operational expectations, with varying parameters as necessary. Additionally, GDP scenarios will include Reserve Rate settings and AFP scenarios should include Flow Constrained Area (FCA) parameters. The team is currently working on three types of scripts. They are:

1. Pre-scripted scenarios/program
2. Ad-hoc testing (something specific)
3. Connectivity Testing - to ensure changes are performing as expected.

TAPS had multiple telcons during the last two months to develop the scripts and scenarios. The TAPS team is planning to provide the final package to the CSG in April. The scenarios, procedures, and any other requirements will be provided to the TFMS Production Center (TPC) and the stakeholders. The completed package will benefit multiple users.

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Flow Evaluation Sub-team (FET) – The FET met at the JetBlue Airways facilities in Orlando, Florida in March. While in Florida the FET went to



The FET at JetBlue in Orlando, FL

the Embry-Riddle Aeronautical University (ERAU) Next Generation (NextGen) Testbed in Daytona Beach, Florida. ERAU personnel provided the team with a tour and information pertaining to various integration and demonstration activities at their facility. Many connections between the FET's Required Time of Arrival (RTA) tasking were established. The FET desires to use the



The FET in Daytona Beach, FL

ERAU NextGen testbed in the near future to perform RTA validation demonstrations. During the

team meeting the RTA Concept of Operations (ConOps), Capacity Estimation ConOps, and Area Navigation (RNAV) Playbook Route Development taskings were discussed in detail. FET members were also provided updates to CDM and FAA activities, the CDM General Meeting, and other team member activities. A team goal remains to be able to present the RTA ConOps and RNAV Playbooks to the CSG next month.

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Future Concepts Sub-team (FCT) – The FCT will meet again in April in McLean, VA. The FCT will continue to discuss the tasking items provided by FAA AJV-7, Rich Jehlen's team. A prioritization of tasking items, the work schedule and the task trackers will be reviewed.

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Surface CDM System Sub-team (SCT) – The SCT is providing support to the FAA Surface Office, AJR-S. In this regard, several SCT members continued to provide validation efforts on the surface Concept of Operations (ConOps). The latest validation activities occurred during Feb 28–March 1 at Metron Aviation. The ConOps promotes the need for Surface CDM capabilities and corresponding procedures that are transparent, flexible, agile, and equally important/capable of supporting the distinct needs of individual U.S. airports and the unique business models of diverse flight operators. The ConOps provides the basis for the safe and efficient management of traffic flows on the surface at U.S. airports, and recognizes the need for interoperability across the NAS and with international Airport CDM Programs. The first phase of the validation effort is expected to be wrapped up during the April 2 - 4 meeting at Metron Aviation.

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Weather Evaluation Sub-team (WET) – The WET continues to work on the details on the Op-

erational Bridging (OB) demonstration and evaluation planned for July 2012 and an OB dry-run test at the Aviation Weather Center (AWC) June 4-15. The WET is also working with the National Weather Service (NWS) AWC on enhancements to the Aviation winter Weather Dashboard (AWWD). On April 16, 2012, the NWS AWC in Kansas City, will make the Extended Convective Forecast Product (ECFP) operationally available. The NWS developed the ECFP planning tool in partnership with the WET for planning for convective weather hazards 1-3 days in advance. To meet these planning needs, and to support Collaborative Convective Forecast Product (CCFP) planning beyond 6 hours, the ECFP is intended to provide FAA and aviation industry traffic flow planners and collaborators a quick-look forecast of the greatest probability of convection/thunderstorms. By using CCFP-style graphics, users familiar with CCFP can easily determine where traffic constraints are most likely beyond the normal CCFP valid times, including overnight hours, and through days 2 and 3. On April 16, the operational product will be online at:

<http://www.aviationweather.gov/products/ccfp/ecfp>

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CDM Training Sub-team (CTT) - The spring 2012 training package is being updated and the CDM Co-leads have been providing requested information. Overall, there were a few new products this past year, but most of the updates focused on existing products.

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Coming Soon to CDM

SCT ConOps Validation

Location: Metron Aviation
Dulles, VA
April 2-4, 2012

CSG Telcon

Location: Vint Hill
Warrenton, VA
April 6, 2012

CDM Leadership Telcon

Location: Vint Hill
Warrenton, VA
April 9, 2012

CSG Meeting

Location: Vint Hill
Warrenton, VA
April 10, 2012

FCT Meeting

Location: McLean, VA
April 17-19, 2012

FET Meeting

Location: Lexington, MA
April 24-26, 2012

CDM General Meeting

Location: JetBlue Facilities
Orlando, FL
May 8–10, 2012

FCT Meeting

Location: Daytona Beach, FL
May 22-24, 2012

WET OB Dry-Run and Meeting

Location: Aviation Weather Center
Kansas City, MO
June 4–15 (OB Dry-Run)
June 13-15 (WET meeting)

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